

2019–Novel Coronavirus Variants Test Kit

Fluorescent Probe-based Real-time PCR Assay

Background

All viruses, including SARS-CoV-2, the virus that causes COVID-19, change over time. Most changes have little to no impact on the virus' properties. However, some variants may affect the virus's properties and even cause more serious harm. WHO classifies the important COVID-19 variants as Variants of Concern (VOCs) or Variants of Interest (VOIs) according to its transmissibility, the associated disease severity, or the performance of vaccines, therapeutic medicines, diagnostic tools, or other public health and social measures, etc.

VOC

WHO Label	Alpha	Beta	Gamma	Delta	Omicron
Pango Lineages	B.1.1.7	B.1.351	P.1	B.1.617.2	B.1.1.529

VOI

WHO Label	Lambda	Mu
Pango Lineages	C.37	B.1.621

Product Description

This kit uses polymerase chain reaction (PCR) technology based on TaqMan fluorescent probe to detect ORF genes of 2019–Novel Coronavirus and variants including B.1.1.7(α), B.1.351(β), P.1(γ), B.1.617.2(δ), B.1.617.1(κ), B.1.525(η), B.1.620 and B.1.1.529(Omicron, Nu) from specimens.

Acceptable Specimens

Nasopharyngeal swab, oropharyngeal swabs, saliva, sputum

Product Advantages

- **Covering 8 Variant Detection:** including all VOC variants: B.1.1.7(α), B.1.351(β), P.1(γ), B.1.617.2(δ), B.1.1.529(Omicron, Nu), and important VOI variants: B.1.617.1(κ), B.1.525(η), and B.1.620.
- **Accurate and clear result:** using PCR fluorescent probe method to detect ORF genes and identify spike protein variants directly.
- **Complete product solution:** from sample collection to PCR detection.
- **Accept customization:** providing customized solutions according to customer needs.

Detection Signification

- It is conducive to the monitoring of the transmissibility of variants in time.
- Help the local CDC make accurate statistics on COVID-19.
- Provide effective information for reasonable prevention and effective control measures.

Ordering Information

Cat No.	Product Description	Specification	Certification
R401T011B0C2	8 Variants Detection	50 Tests/Kit	CE
R401T008B0C2	Delta Variant Detection	50 Tests/Kit	CE
R401T013B0C2	Omicron Variant Detection	50 Tests/Kit	CE

Please contact your sales representative for more information.